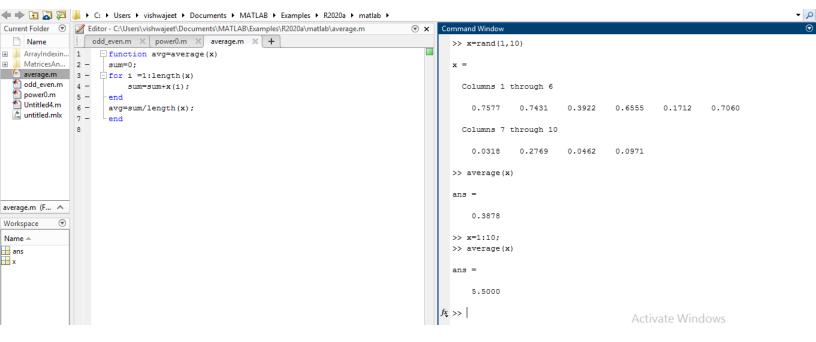
### Abhijeet Deshmukh mis:111909002

Q\_1:average of 10 no.



### Q2: Odd\_Even

```
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Name

Name

ArrayIndexin...

MatricesAn...

odd_even.m × power0.m × average.m × +

withot else

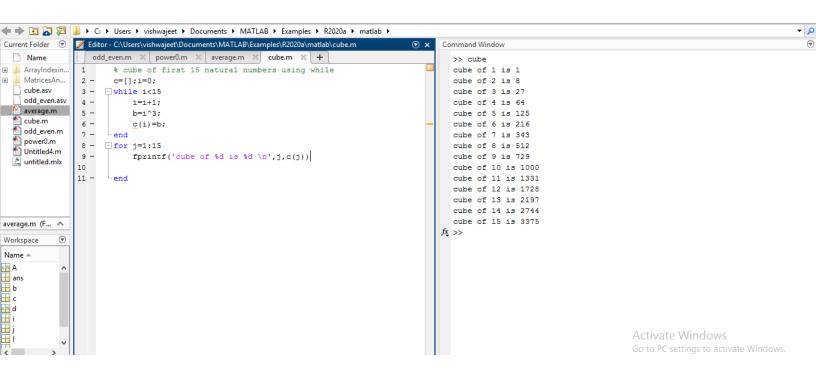
disp('-----

odd_even.asv
Current Folder 🕤 📝 Editor - C:\Users\vishwajeet\Documents\MATLAB\Examples\R2020a\matlab\odd_even.m

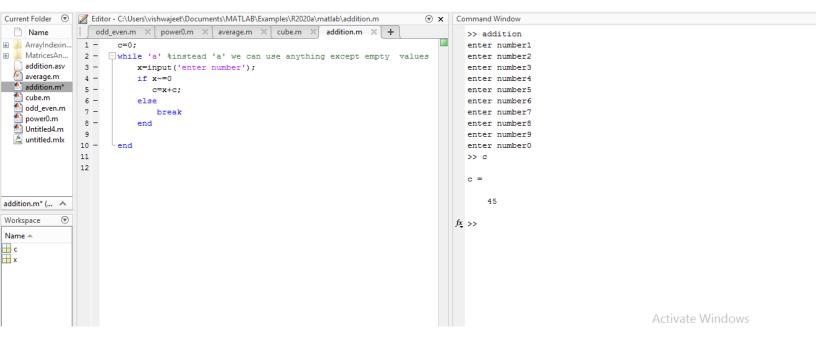
    ▼ X Command Window

                                                                                                     >> odd even
                                                                                                     -----without else-----
                       disp('----')
                                                                                                     entered number x=44
                       x=input('entered number x=')
 average.m
                       if mod(x,2) == 0
 average.m
odd_even.m
power0.m
Untitled4.m
untitled.mlx
                5 -
                         fprintf('ans= \n %d is even number \n',x);
                        end
                7 -
                       if mod(x,2)~=0
                8 –
9 –
                         fprintf('ans= \n %d is odd number\n ',x);
                10
                                                                                                      -----with using else-----
                        disp('-----')
                                                                                                     entered number y= 35
                12
                13
                        %with else
                14 -
                        y=input('entered number y= ')
                15 -
                        if mod(y,2)==0
average.m (F... ^
                16 -
                            fprintf('ans= \n %d is even number \n',y)
                17 -
                18 -
                            fprintf('ans= \n %d is odd number \n',y)
                                                                                                     35 is odd number
                19 -
h A
ans
                20
h b
x
y
```

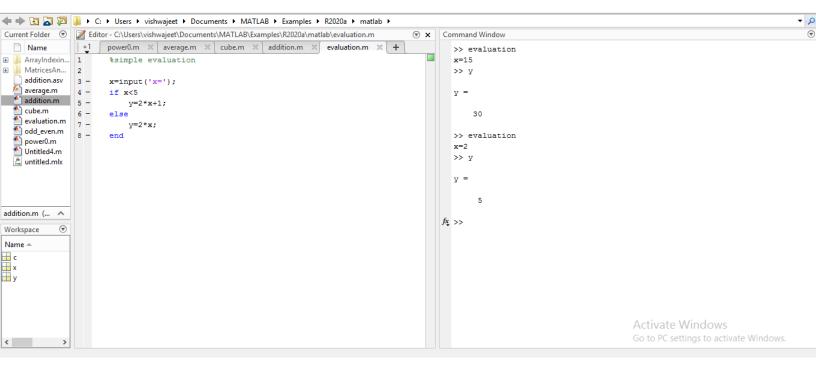
### Q3:cube upto 15



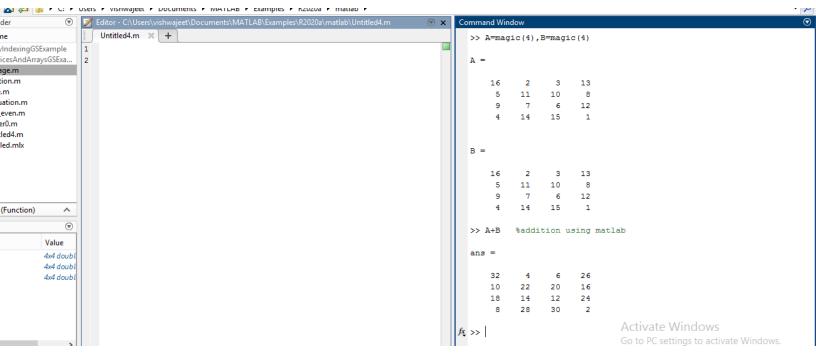
### Q4: adding numbers untill zero



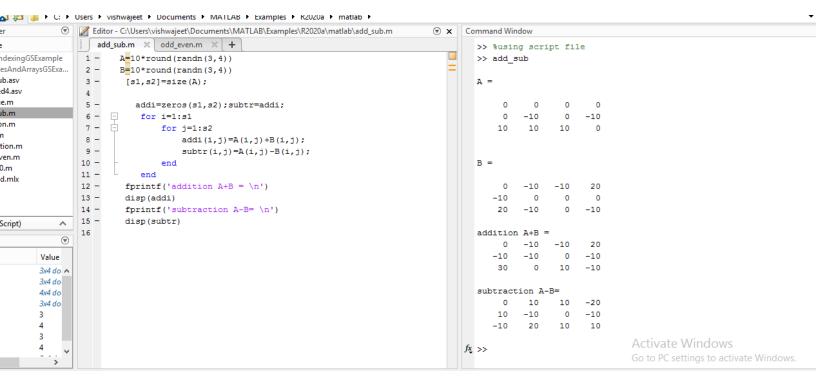
#### Q5: evaluation



# Q6-->(i) using MATLAB as tool



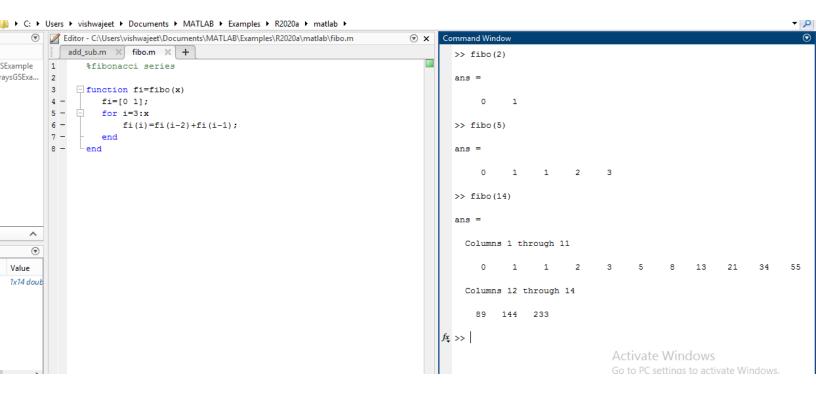
# Q6-->(ii) add,sub using script file



## Q6--(iii) add,sub using function

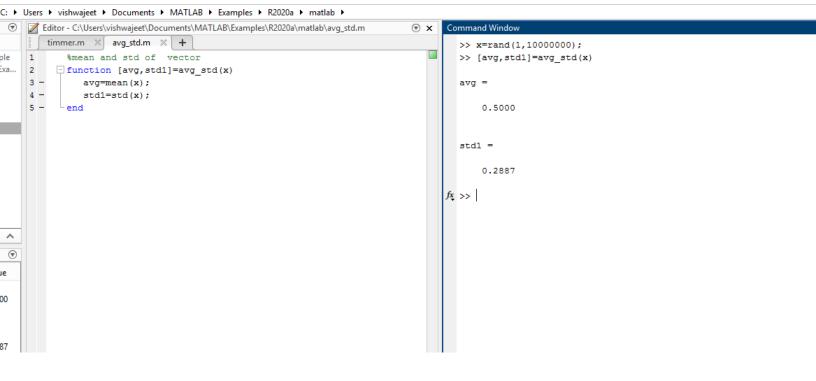


# Q7: Fibonacci series function

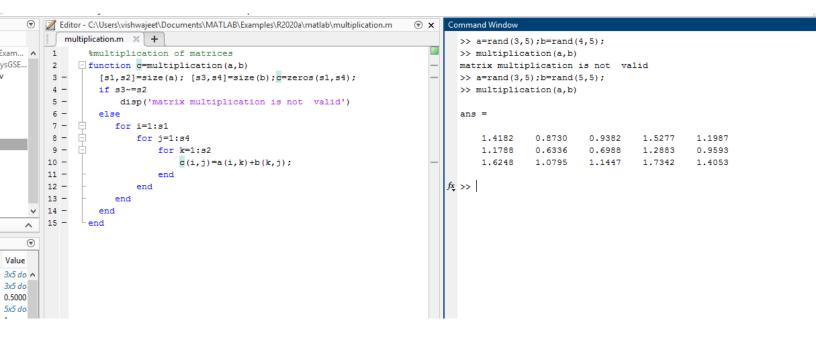


### Q8: hrs:min:sec

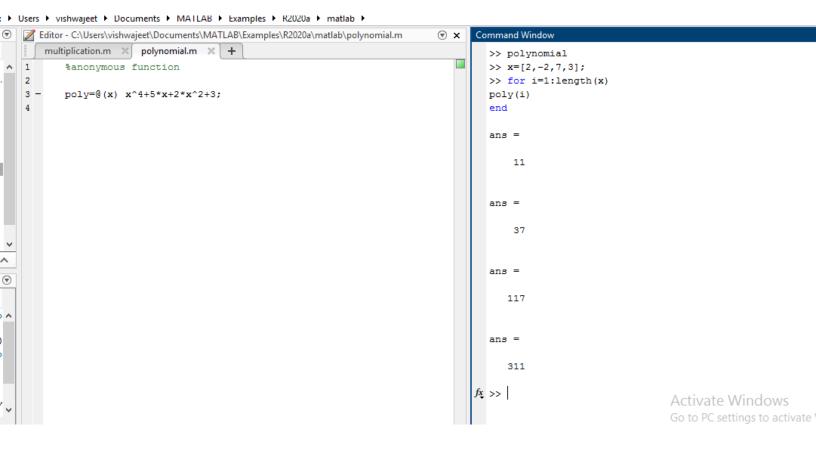
### Q9: mean and std of vector



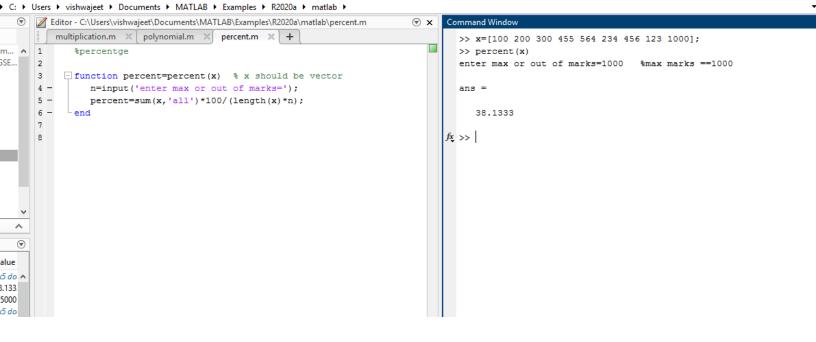
#### Q10: matrix multiplication



# Q11: anonymous solution of polynomial



### Q12: percentage



#### Q13: basic calculator

```
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    ▼ X Command Window

      multiplication.m × polynomial.m × percent.m × calculation.m × +
                                                                              >> calculation
                                                                               select opertation ,'+','-','*','/':'+'
am... 🔺
             % switch-case calculator
     2 -
GSE...
             r=input("select opertation ,'+','-','*','/':");
                                                                               enter number8
      3 -
           A=input('enter number');
                                                                               enter number7
       4 -
            B=input('enter number');
                                                                                  15
            switch r
       6 -
               case '+'
                                                                              >> calculation
                                                                              select opertation ,'+','-','*','/':'/'
       7 -
                   disp(A+B)
       8 -
                case '-'
      9 -
                   disp(A-B)
                                                                              enter number9
              case '*'
disp(
case '/'
      10 -
                                                                                  0.8889
      11 -
                  disp(A*B)
      12 -
                                                                              >> calculation
                                                                               select opertation ,'+','-','*','/':';'
      13 -
                   disp(A/B)
      14
                                                                               enter number9
      15 -
               otherwise
                                                                               enter number7
      16 -
                                                                              invalid operation
                   disp('invalid operation')
  ⊙ 17 −
0x5 do ∧
8.133
.5000
```